

STAFFORD COUNTY SCHOOL BOARD

Agenda Consideration

TOPIC: Change Order: Add Occupancy Sensors & Media Retrieval System - ABES
ITEM NO.: 13L

PREPARED BY: Tom Henry
Project Manager
Planning & Construction

MEETING: May 9, 2006
ACTION DATE: May 9, 2006

Scott Horan
Executive Director
Planning & Construction

Andre' A. Nougaret,
Assistant Superintendent
for Support Services

ACTION REQUESTED BY THE SUPERINTENDENT: That the School Board approve the award of two (2) construction change orders in the amount of \$124.8K to R.R. Gregory of Waldorf, Maryland for the installation of occupancy sensors and infrastructure to support classroom media retrieval system at Anthony Burns Elementary School.

KEY POINTS:

1. ABES construction project is a traditional design, bid, build procurement effort using the Moseley Architect, SCPS prototypical elementary school design. The construction contract was awarded to R.R. Gregory of Waldorf, Maryland for \$17.33M with contract substantial completion date of July 15, 2006.

2. Key Project Data:

▪ Award cost:	\$17.33M
▪ Approved Change Orders:	\$0.0M
▪ Current cost:	\$17.33M
▪ Cost Growth:	0%
▪ Schedule Growth	6 Days

Occupancy Sensors:

3. Occupancy Sensor change order is \$52.1K. The implementation of occupancy sensors is a highly recommended long-term energy conservation measure that is one of the High Performance Building and Leadership in Energy and Environmental Design (LEED) standards.

4. The installation of occupancy sensors will yield an energy "payback" which will fully fund the initial cost within an 8 – 9 year period. The savings will increase and the total cost recovery period will shorten as electrical prices increase in the future.

5. Staff is currently planning to have occupancy sensors installed throughout existing school facilities as a part of the school district's Energy Conservation Program. Installing the occupancy sensors now as part of the facility construction vice waiting and retrofitting the facility after opening the school will be cheaper and less intrusive to school operations. School Board recently approved a like change order for DSMS.

Media Retrieval System:

6. The media retrieval system change order is \$72.7K. On January 10, 2006 the School Board approved a change in the educational program specifications for media retrieval systems. This change would replace classroom televisions with classroom projectors and accompanying screens. This change order will cover the facility infrastructure (electrical, data, and structural supports) changes required for the installation of projectors and office/conference room televisions. This change order does not include the cost of the projectors and screens. They will be purchased through a separate contract.
7. There are funds available in the ABES project contingency fund to implement this change order.
8. If approved by the School Board staff plans to award the change order in May 2006.

SCHOOL BOARD GOAL: #5 – Provide facilities that promote student learning and community support.

#7 – Provide school environments where teachers are safe to teach and students are safe to learn

FUNDING SOURCE: VPSA – ABES

AUTHORIZATION REFERENCE: Standard Form of Agreement Between Stafford County Public Schools and R.R. Gregory
February 2006 June 2005 (AIA Document A 101-1997);
Stafford County School Board Policy 4-12
Stafford County School Board Policy 4-